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GenCore version 5 1 3 Copyright (c) 1993 - 2003 Compugen Ltd.
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OM protein - nucleic search, using frame_plus_p2n model

January 16, 2003, 16,59;22 ; Search time 17,1429 Seconds Pun on:

(without alignments) 89.447 Million ceil updates/sec

96-020-958-60-SD

1 ODYEE 5 Perfect score. Sequence:

BLOSUM62 Scoring table:

Xgapop 10.0 , Xgapext Yqapop 10.0 , Yqapexi

6.0 , Fyapext 6.0 , Delext Egapop Delop

441362 segs, 153338381 residues Searched.

Total number of hits satisfying chosen parameters:

Maximum DB seq length: Zooondoon Minimum DB seq length: 0

Listing first 45 summaries Post-processing: Minimum Match 0% Maximum Match 100%

Command line parameters:

MODEL frame. p2n.model - DEV-x1p
- MODEL frame. p2n.model - DEV-x1p
- O-CQUIL_INSTRICTER, MODEL - DEV-x1p
- O-CQUIL_INSTRICTER, MA - GENT-LAST - DEVEL-NI - MINMATCH-0.1 - LOOPCL.0
- LOOPEXT-0 - UNITS-b1ts - START-1 - END--1 - MATRIX-b10sum62 - TRANS-himma.40.cdi
- LIST-45 - DOCALIGH-200 - THE MAXIRN-100 - THE MIND - ALIGN-15
- UNDELLOOPEXT-0 - ONLIFS-b1ts - START-1 - END--1 - MATRIX-b10sum62 - TRANS-himma.40.cdi
- LIST-45 - DOCALIGH-200 - THE MAXIRN-100 - THE MIND - ALIGN-15
- UNDELLOOPEXT-0 - NOWEN-CRX - HEALSTEE-b10 - MINILEN-0 - MAXIRN-2 LOUDUOUU
- USER-US09856070_@CGN_1 = L61 - FUNDAT - 14012003 - 155844 - L646 - NOPI-4 - COURT-30
- NORMEL TO - THERANS-1 - NASAPOP-10 - NARLY - LONGING - DEV_THEGOUT-120
- WARN TIMEOUT-30 - THERANS-1 - NASAPOP-10 - NASAPOR-10 - NASAPOR-10

Database :

/mjuz_brp*ndafarzzraj/SA_hmH scgr* /cgnz_6/ptodata/2/inu/SB_COMB.scgr* /cdnz_6/ptodata/2/ina/6A_COMB.seqr* !ssued_Patents_NA:*

/ n. //pti-data _/ina/ hB hMR s= | *//out2_6/ptiodata/2/ina/PrTHS toMR seq.*//ogn2_6/ptiodata/2/ina/backfilesi.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,

SUMMARIES

and is derived by analysis of the total score distribution.

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owe.		Description	Sequence 4, Apr	Sequence 6. Apr	Sequence 168, Apr	7 (336 33930175	Sequence 31. A	Sequence 1, App	Sequence 1, Appli	Scauence 72, Ap	Sequence 22, At	Sequence 22, Ap	Sequence 16, A	Secure 69 Ac
		ID	US-09-376-113-4	48-09-376-113-6	115-08-858-207A 168	7.9.49.22] CIZH-465	115-08-961-527-31	18-08-971-244-1	us-09-286-891:1	US-08-96: 527 72	US-08-946-914-22	US-09-656-450 22	US-03-080 387:16	US-94-001 838-69
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Sequence 4, Appli Sequence 27, Appl Sequence 16, Appl Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 4, Appli Sequence 4, Appli	851 70, 74, 57, 57, 87,	Patent No. 5340944 Sequence 6, Appl Sequence 15, Appl Sequence 15, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 15, Appl Sequence 15, Appl Sequence 15, Appl Sequence 12, Appl Sequence 11,
05-09-064-922-4 08-08-882-501-27 05-09-328-111-36 05-09-06-12 05-09-06-32-1 05-09-020-466-3 05-09-192-659-3 05-09-192-659-3	.09 22 -08 96 -09 29 -09 07 -08 -78 -08 78 -09 07	534.09.34.9 555.09.34.9 555.09.328 1111.442 555.07.612.644.6 105.08.469.667.15 105.08.946.914.1 105.09.595.444.1 105.07.612.674.7 105.09.595.444.1 105.09.595.424.1 105.09.595.424.1 105.09.595.424.1 105.09.595.424.1 105.09.595.424.3 105.09.595.424.3 105.09.595.424.3
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ALIGNMENTS

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GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Cupp, Eddie Wayne
APPLICANT: Cupp, Mary Smith
AFILEANT: Cupp, Mary Smith
AFILE OF INVENTION. Antithrombin Nucleotides and Proteins
FILE OF INVENTION. From Holl P.1.
FILE REFURENCE. 5721-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length:
Matches:
Conservative:
Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels:
                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                      CURPENT APPLICATION NUMBER: US/09/376,113
               US-09-376-113-4
| Sequence 4, Application US/00376jll3
| Patent No. 6451992
                                                                                                                                                                                                                       CHERENI CHIN: DATE 1707-98-17 NUMBER OF SPOID NOS: 7
                                                                                                                                                                                                                                                                                                                                            ORGANISM. Haematobia irritans
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100.008
100.008
100.008
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Most Local Similarity,
                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Alignment Scores:
                                                                                                                                                                                                                                                                                   SEC ID NO 4
LENGIH: 611
                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-376-113-4
                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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PESULT 1
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38-39 856 070-26 (1-5) x US-09-376-113-4 (1-611)

1 GinAspiyrGluGlu 5

227 CAAGALIACGAAGAA 241

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APPLICANT: Cupp, Eddie Wayne
APPLICANT: Cupp, Mary Smith
TITLE OF INVENTION: Antithrombin Nucleotides and Proteins
TITLE OF INVENTION: from Horn Fly
FILE NEPERENCE: 5721-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative:
Mismatches.
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APPLICATION NUMBER: US/08/858,207A
FILLING DATE: 09-MAY:1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hodgson, John
APPLICANT: Knowles, David
APPLICANT: Nicholas, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348128el Compounds
NUMBER OF SEQUENCES: 552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-856 070-26 (1-5) x US-09-376-113 6 (1-631)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels:
                                                                                                                                                                                                 CURKENT APPLICATION NUMBER: US/09/376,113 CURKENT FILING DATE: 1999-08-17 NUMBER OF SED ID NOS: 7 SOFTWARE: FASTSEC FOR WINDOWS Version 3:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-858-207A-168/c
; Sequence 168, Application US/08858207A
; Patent No. 6348428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE / PSOCKET NUMBER - PSO475
                                      Sequence 6, Application US/09376113
Patent No. 6451992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/017670 FILLING DATE: 14:MAY-1996 ALTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               38,891
                                                                                                                                                                                                                                                                                                                                                ORGANISM: Haematobia Irritans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION;
APPLICANT: Black, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gimmi, Edward R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28.00
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                          ; LoCATION: (1)...(525)
US:09:376:113-6
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                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: CDS
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                                                                                                                                                                                                                                                                                                     LENGTH: 631
RESULT 2
US 09 376 113-6
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                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                    SEU 1D NO 6
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DB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY:
                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No.:
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APPLICANT: ROSS, Bruce C.
TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
NUMBER OF SEQUENCES: 1120
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORRSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                         Conservative:
                                                                                                                                                                                                                                                                                                                                                              US-09-856-070-26 (1-5) x US-08-858-207A-168 (1-1047)
                                                                                                                                                                                                                                                                                          Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OFFWARE FASTEM: Windows SOFTWARE FASTEMO for Windows Version 2.0b CURRINA APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-20021.00
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                         Matches:
                                                                                                                                                                                                                                     Length:
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23-DEC-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCTAU98/01023
FILING DATE: 10-DEC-1998
ATTORNEY AGENT: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-221-017B 965/c
, Sequence 965, Appilication US/09221017B
; Patent No. 6444799
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TELEX: 706141
INFORMATION FOR SEQ ID NO: 965:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     UMBER: PP1182
31-DEC-1997
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09-APR-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PP291
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100.00%
100.00%
                                                                                                        LENGTH: 1047 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGIH: 2721 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Monroy, Gladys H
REGISTRATION NUMBER: 32
                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                  TELEFAX: 610-270-5090
                                                                                                                                                                                                                                                      28.00
                                                                                                                                                                                                                                                                                                                                                                                                                     809 CAAGACTAIGAGGAG 795
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MEDIUM TYPE: Diskette
                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: B
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                                                                                                                                                             linear
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
21F. 94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 23 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILLING DATE:
                                                                                                                                                                              US-08-858-207A-168
                                                                                                                                                                                                                                                                     Percent Similarity:
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STATE:
                                                      TELEX:
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CENTRAL INFORMATION:
APPLICANT: Cohen, Lucy
APPLICANT: Bacuerie, Patrick
TITLE OF INVENTION: IKAP Flottins, Nucleic Acids and Methods
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IAM PC COMPATIBLE
OFERATINE SYSTEM: PC-DGS/MS-DGS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative:
Mismatches:
                                                                      US-09-856-070-26 (1-5) x US-08-961-527-31 (1-3149)
                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP STREET: 75 DANISH DRIVE CITY: HILLSWORGUCH STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-856-070-26 (1-5) x US-08-971-244-1 (1-3999)
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                   Indels:
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                                        Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/971,244 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-09-286-891-1
| Sequence 1, Application US/09286891
| ; Patent No. 6172195
                                                                                                                                                                                               US-08-971-244-1
, Sequence 1, Application US/08971244
; Patent No. 5891719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: T9'
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16,627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (650) 343-4341
TELEFAX: (650) 343-4342
INFORMATION FOR SED ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: 36,6
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28.00
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100.00%
100.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGIH: 3999 base pairs
 Best Local Similarity: 100.00%
                     100.00*
                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Db 3220 CAGGATTATGAAGAA 3234
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                                                                                                         1 GlnAspTyrGluGlu 5
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                   Query Match:
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                                                                                                                                                                                 RESULT 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pheumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
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OPERATING SYSTEM: MSDOS Version 6.2
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Conservative:
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9410 Key West Avenue
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                                                                                                                        ORGANISM - PORYPHYROMONAS GINGIVALIS
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REFERENCE/COCKET NUMBER: P8340P1
TELECOMMUNICATION INFORMATION:
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; Sequence 31, Application US/08961527
; Patent No. 6420135
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INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTHRISTICS:
                                             MOLECULE TYPE: DNA (genomic)
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FYPE: nucleic acid
STRANDEDNESS: double
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LOCATION: 1...2721
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               STRANDEDNESS: double TOPOLOGY: circular
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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TYPE: nucleic acid
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                                                                                      ANTI-SENSE: UNKNOWN ORIGINAL SOURCE:
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                                                                    HYPOTHETICAL:
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DB:
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COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDGS version 6.2
                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
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AFFLICATION NUMBER: US/08/946,914
FILING DATE: Herewith
CLASSIFICATION: 530
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                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: PB340P1
TELECOMMUNICATION INFORMATION:
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Patent No. 6027916
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                                                                                                                                                                                                                                                                                         (301) 309-8504
                                                                                                                                                                                                                                                                                                                                                               LENGTH: 14872 base pairs
                                                                                                                                                                                                               NAME: Brookes, A. Anders
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INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
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100.00%
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STRANDEDNESS: double
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REGISTRATION NUMBER:
                                                                                                                 CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                       SOFTWARE: ASCII Text
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                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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                                                                                               FILLING DATE:
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US-08-946-914-22/c
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APPLICANT: Bacomposition of Patrick TITLE OF INVENTION: WAP Proteins, Nucleic Acids and Methods NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Diskette, 3.50 inch, 1.4Mb storage
                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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Mismatches:
                                                                                         E: SCIENCE & LECHNOLOGY LAW GROUP
75 DENISE DRIVE
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STREET: 9410 Key West Avenue
CITY: Rockville
                                                                                                                                                                                                                                                                                                                           US/09/286, 891
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: OSMAN, KICHAKB A
REGISTRATION NUMBERS: 36,627
REFERENCE/DOCKET NUMBERS: T97-011
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 6420135
GENERAL INFORMATION:
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                                                                                                                                                                                                                               11 Floppy disk
11HM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (650) 343-4341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (650) 343-4342
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: Strept
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                                                                                                                                 HILLSBOROUGH
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                                                                                                                                                   STATE: CALIFORNIA COUNTRY: USA
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Best Local Similarity:
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US-09-286 891-1
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ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.
STREET: 1100 New York Ave., Suite 600
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                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ni, Jian
APPLICANT: Gentz Reiner L.
APPLICANT: Ruben, Steven M.
Tille OF INVENTION: Galectin 8, 9, 10 and 10SV
NUMBER OF SEQUENCES: 60
                                          Conservative:
                                                                                                                                                                      US-09-856-070-26 (1-5) x US-08-961-527-72 (1-14872)
                                                                       Mismatches:
                       Matches:
Length:
                                                                                                    Indels:
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APPLICANT: NI, Jian
APPLICANT: Gentz, Reiner I.
APPLICANT: Gentz, Reiner I.
APPLICANT: Nuben: Stewen M.
IIII.E OF INVENTION: Caloretin 9 and 10SV Polynuclectides
FILE REFERENCE: 1488.0560003
CURRENT APPLICATION NUMBER: US/09/656,450
CURRENT FILMG DATE: 2000.09-06
PRIOR APPLICATION NUMBER: US 09/263,689
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                                                                                                                                                                                                                                    Conservative:
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Mismatches:
                                                                                                                                                                                                                                                    Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                       Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPTOP APPLICATION NUMBER: 118 60/028,093
PRIOR FILING DATE: 1996-10:09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (269)
OTHEP INFOFMATION: n is A, C, T, or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (276)
OTHER INFORMATION: n is A, C, T, or G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (238) OTHER INFORMATION: n is A, C, T, or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22, Application US/09656450
Patent No. 6468768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin version 3.0
SEQ ID NO 22
LENGTH: 354
                                                                                                                                                                                                                  25.00
100.00%
80.00%
89.29%
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80.00%
89.29%
202-371-2600
                                               SPQUENCE CHARACTERISTICS:
                                                               LENGTH: 354 base pairs
TYPE: nucleic acid
          TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25.00
                                                                                                                                                                                                                                                                                                                                                                                     136 CAGGACTATGAAGAC 122
                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                     1 GinAspTyrGluGlu 5
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LOCATION: (276)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_teature
LOCATION: (318)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
                                                                                                               TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                    Best Local Similarity:
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Owery Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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TELEPHONE:
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                                                                                                                                                 US-08-946-914-22
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APPLICANT: Ling, Kai-Shu
APPLICANT: Gonsalves, Dennis
TITLE OF INVENTION: GRAPEVINE LEAFROLL VIRUS IYPE 2 PROTEINS
TITLE OF INVENTION: AND THEIR USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OFERAING SYSTEM: PC-DGS/MS-DDS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                    ADDPESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative:
Mismatches:
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Matches:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/080,983
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/047,194
FILING DATE: 20-MAY-1997
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APPLICANT: Michelmore, Richard W.
APPLICANT: Shen, Kathy
                                                                                          US-09-080-983-16
requence lb, Application US/UVUBU983
Partent No. 6197948
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             // Sequence 69, Application US/09004838 / Patent No. 6350933
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (716) 263-1304
TELEFAX. (715) 263-1600
INCOMMATION FOR SEQ ID NO. 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Goldman, Michael L. REGISTRATION NUMBER: 30,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DAIM: 20-MAY-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.00%
80.00%
89.29%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1: 486 base pairs
nucleic acid
                                                                                                                                                                            Zhu, Hai-Ying
                       25.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 CAACATTACGAAGAA 18
                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
1 GlaAspTyrGluGlu 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                          CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity.
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                     14603
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Mayers, Blake

US-09-856-079-26 (1-5) x US-09-656-458-22 (1-354)

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Alignment Scores:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match:
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APPLICANT: WOTICY, Cathy K.
TITLE OF INVENTION: Sequences from Auxin-Induced Gene
IIILE OF INVENTION: Products largeting Fusion Proteins for Degradation
NIMBER OF SEQUENTES: 9
TITLE OF INVENTION: Procedures and Materials for TITLE OF INVENTION: Conferring Pest Resistance in Plants
                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DAIA:
                                                                        Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ANDRESS;
ADDRESSE: Townsend and Corew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative:
Mismatches:
                                                                                           Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Two Embarcadero Center, Eighth Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       KEPERENCE/DXCKET NUMBER: 023070-0788100S
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps:
                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/781,734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: /note- "REG4"
                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09064922
Patent No. 6222095
                                                                                                                                                                                                                     IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                      Einhorn, Greqory P.
ATION NUMBER: 38,440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 69: SEQUENCE CHARACTERISTICS:
                                                                                                                                                          ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
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80.00%
89.29%
                                         140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 524 base pairs
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                                                       CORRESPONDENCE ADDRESS:
                                                                                                            San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
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California
                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                       NUMBER OF SEQUENCES:
                                                                                                                           STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Linear
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Best Local Similarity;
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                                                                                                                                                                                                                                                                                                            FILING DATE: 0° CLASSIFICATION:
                                                                                                                                                USA
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                                                                            ADDRESSEE:
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                                                                                                                                                                                                                        COMPUTER:
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                                                                                                                                                COUNTRY:
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APPLICANT: CASADEWALL, BATDATA
TITLE OF INVENTION: POLYNUCLECTIDES AND THEIR USE FOR
TITLE OF INVENTION: DETECTING ENTEROCOCCI AND STREPTOCOCCI BACTERIAL STRAINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /product- "PSIAA6 auxin-induced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Finnegan, Henderson, Farabow, Garrett &
COMPUTER READABLE FORM:
MEDIUM IYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-POS/MS-DOS
SOFTWANE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative:
Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        protein"
/note= "Aux/IAA from pea
                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 023070-085400US TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (Pisum sativum)"
                                                                                                                         US/09/064,922
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Patent No. 6054269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                        35,551
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                                                                                                                                                                                                                                                                                TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMALION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GARNIER, Fabien
                                                                                                                                          22-APR-1998
                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunner, L.L.P
                                                                                                                                                                                                        NAME: Hyman, Laurence J
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.00%
                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 540 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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89.29%
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan,
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                                                                                                                                                                   800
                                                                                                                         APPLICATION NUMBER:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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20005-3315
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                                                                                                                                          FILING DATE: 2: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: CDS
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APPLICANT BUSHES, Christopher C.
APPLICANT Bushnell, Steven E.
APPLICANT Bushnell, Steven E.
APPLICANT Carroll III, Eddie
APPLICANT Carroll III, Eddie
APPLICANT Cation, Theodore J.
APPLICANT Levis, Marcia E.
APPLICANT Levis, Marcia E.
APPLICANT Schlegel, Robert
APPLICANT Schlegel, Robert
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOVEL HIMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: NOWHER: 1999-06-08
EARLIER APPLICATION NUMBER: 1999-06-10
NUMBER OF SED ID NOS: 850
SOFTWARE: FASTSEO for Windows Version 3.0
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4
1
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0
OPERATING SYSTEM: PC-JOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/MR2.501
FILING DATE: 25_UIN-1947
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Mismatches:
                                                                                                                                                                                                    03495 0155-00000
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Matches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Enterococcus pseudoavium
US-08-882-501-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 // Sequence 36, Application US/09328111
// Patent No. 6262333
                                                                                                                            ATTORREY AGENT INFORMATION:
NAME: MCDORell, Leslie A.
REGISTATION NUMBER: 44,872
REFERENCE, CICKARI MINHER A.
TELECHONE: 202-404-4000
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACHERISTICS:
LENGTH: 600 base pairs
TYRE: nucleic acid
STANDENESS: SINGLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Endege, Wilson O. APPLICANT: Steinmann, Kathleen E. APPLICANT: Astle, Jon H.
                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (qenomic) ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25.00
100.00%
80.00%
89.29%
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                                                                                                                                                                                                                                                                                                                                                                                                         linear
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Best Local Similarity:
Query Match:
                                                                                      FILING DATE: 25
CLASSIFICATION:
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Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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LENGTH: 600
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Alignment Scores: 870 tenath: 600 Prod. No.: 25.70 Matches: 4 Percent Similarity: 100.009 Conservative: 1 Best Local Similarity: 80.00% Mismatches: 0 Query Match: 4 4 Gaps: 0 Gaps: 0 US-14-446-170-24 (1-5) x US-14-424-111-45 (1-50) Cy 1 GlassTyrGluGlu 5 (1-60) Cy 1 GlassTyrGluGlu 5 Cy 1 GlassTyrGluGlu 5 Cy 1444 CAGGATAACAGGAA 458
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Search completed: January 16, 2003, 21:41:36 Job time: 20.1429 secs

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